

(19)  Canadian Intellectual Property Office	Office de la Propriété Intellectuelle du Canada	(11) CA 2 210 405	(13) C
An Agency of Industry Canada	Un organisme d'Industrie Canada	(40) 25.07.1996	
		(43) 25.07.1996	
		(45)	

(12)

(21) 2 210 405

(51) Int. Cl. 6: **G06F 3/12, G06F 15/00**

(22) 16.01.1996

(85) 11.07.1997

(86) PCT/US96/00277

(87) WO96/22573

(30) 08/373,682 US 18.01.1995

(72)

GAUTHIER, Forrest P. (US).

(71)

Varis Corporation,
7500 Innovation Way, MASON, XX (US).

(74)

GOWLING LAFLEUR HENDERSON LLP

(54) PROCEDE D'UTILISATION DE CHAMPS DE DONNEES VARIABLES AVEC LANGAGE DE DESCRIPTION DE PAGE

(54) METHOD OF UTILIZING VARIABLE DATA FIELDS WITH A PAGE DESCRIPTION LANGUAGE



Office de la Propriété
Intellectuelle
du Canada

Un organisme
d'Industrie Canada

Canadian
Intellectual Property
Office

An agency of
Industry Canada

CA 2210405 C 2001/10/09

(11)(21) **2 210 405**

(12) **BREVET CANADIEN
CANADIAN PATENT**

(13) C

(86) Date de dépôt PCT/PCT Filing Date: 1996/01/16
(87) Date publication PCT/PCT Publication Date: 1996/07/25
(45) Date de délivrance/issue Date: 2001/10/09
(85) Entrée phase nationale/National Entry: 1997/07/11
(86) N° demande PCT/PCT Application No.: US 96/00277
(87) N° publication PCT/PCT Publication No.: WO 96/22573
(30) Priorité/Priority: 1995/01/18 (08/373,582) US

(51) Cl. Int. ⁶/Int. Cl. ⁶ G06F 3/12, G06F 15/00

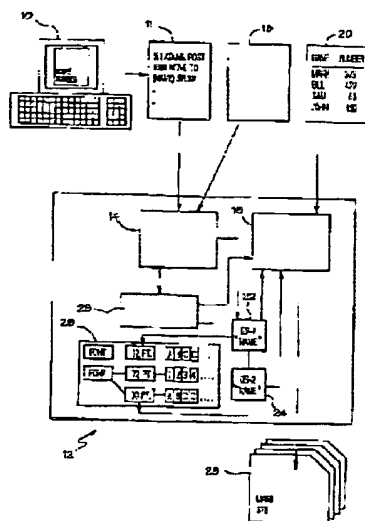
(72) Inventeur/Inventor:
GAUTHIER, Forrest P., US

(73) Propriétaire/Owner:
Varis Corporation, US

(74) Agent: GOWLING LAFLEUR HENDERSON LLP

(54) Titre : PROCÉDE D'UTILISATION DE CHAMPS DE DONNÉES VARIABLES AVEC LANGAGE DE DESCRIPTION DE PAGE

(54) Title: METHOD OF UTILIZING VARIABLE DATA FIELDS WITH A PAGE DESCRIPTION LANGUAGE



(57) Abrégé/Abstract:

A method for printing variable data (figure 2) with a page description language, which enables the graphics states for a page of variable data to be defined and stored (figure 1, item 26); and which enables the stored graphics states to be associated with items of variable data from a database, so that once defined, the graphics states can be used to print multiple pages of variable data. The method of the present invention is implemented by means of a control task, which executes in a printer in conjunction with a page description program, to identify variable data areas in the program (figure 1, item 20), and store the graphics states for the variable data areas as they are defined by the program. After the program has terminated, a merge task associates items of variable data from a data file with the graphics states, generates a bit map for each variable data area, merges the bit maps with the page template (figure 1, item 16), and outputs the page from the printer. Accordingly, in the method of the present invention, bit maps for multiple pages of variable data are generated from a single page description program (figure 1, item 29).

Canada

<http://opic.gc.ca> • Ottawa-Hull K1A 0C9 • <http://cipo.gc.ca>

OPIC • CIPU 191

OPIC



CIPU